



Please use a plus sign (+) inside this box → ☐

PTO/SB/02A (10-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)</b>  <input type="checkbox"/> Declaration Submitted With Initial Filing      OR <input checked="" type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16(e)) required)	Attorney Docket Number	ABIOS.042A
	First Named Inventor	Timothy B. Stockwell
	<b>COMPLETE IF KNOWN</b>	
	Application Number	10/672,937
	Filing Date	September 26, 2003
	Art Unit	Unknown
	Examiner Name	Unknown

As the below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**MITOCHONDRIAL DNA AUTOSCORING SYSTEM**

(Title of the Invention)

the specification of which

☐ is attached hereto

OR

☒ Was filed on September 26, 2003 as United States Application Number 10/672,937.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached? YES NO
			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

Please type a plus sign (+) inside this box → ☐

PTO/SB/02A (10-01)  
Approved for use through 10/31/2002 OMB 0651-0032  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

## DECLARATION - Utility or Design Patent Application

Direct all correspondence to:



Practitioners at Customer Number

20,995

OR



Correspondence address below:



Firm or  
Individual Name

Address

City

State

Zip

Country

Telephone

Fax

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued hereon.

NAME OF SOLE OR FIRST INVENTOR:



A petition has been filed for this unsigned inventor.

Given Name

Timothy B.

Family Name

Stockwell

(first and middle [if any])

Or Surname

Inventor's  
Signature

*Timothy B. Stockwell*

Date

2004/03/04

Residence: City

Chantilly

State

VA

Country

USA

Citizenship

USA

Mailing Address

4201 Lees Corner Road

City

Chantilly

State

VA

Zip

20151

Country

USA

NAME OF SECOND INVENTOR:



A petition has been filed for this unsigned inventor.

Given Name

Stephen A.

Family Name

Glanowski

(first and middle [if any])

Or Surname

Inventor's  
Signature

Date

Residence: City

Great Falls

State

VA

Country

USA

Citizenship

USA

Mailing Address

1001 Bowen Court

City

Great Falls

State

VA

Zip

22066

Country

USA



Additional inventors are being named on the \_\_\_\_\_ supplemental Additional Inventor(s) sheet(s) PTO/SB02A attached hereto.

R:\DOCS\KEP\KEP-2051 DOC:lw  
101303

[Page 2 of 2]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231. kep-2051 doc

Please type a plus sign (+) inside this box → ☐

Approved for use through 10/31/2002 OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

**DECLARATION - Utility or Design Patent Application**

Direct all correspondence to:

Practitioners at Customer Number  
**OR**

20,995 →



Correspondence address below:

Firm or  
Individual Name

Stephen Glanowski

Address

1001 Bowen Ct

City

Great Falls

State

VA

Zip

22066

Country

USA

Telephone

Fax

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued hereon.

**NAME OF SOLE OR FIRST INVENTOR:**

A petition has been filed for this unsigned inventor.

Given Name

Timothy B.

(first and middle [if any])

Family Name

Stockwell

Or Surname

Inventor's  
Signature

Date

3/15/04

Residence: City

Chantilly

State

VA

Country

USA

Citizenship

USA

Mailing Address

4201 Lees Corner Road

City

Chantilly

State

VA

Zip

20151

Country

USA

**NAME OF SECOND INVENTOR:**

A petition has been filed for this unsigned inventor.

Given Name

Stephen A.

(first and middle [if any])

Family Name

Glanowski

Or Surname

Inventor's  
Signature

Date

3/15/04

Residence: City

Great Falls

State

VA

Country

USA

Citizenship

USA

Mailing Address

1001 Bowen Court

City

Great Falls

State

VA

Zip

22066

Country

USA



Additional inventors are being named on the \_\_\_\_\_ supplemental Additional Inventor(s) sheet(s) PTO/SB02A attached hereto.

R:\DOCS\KEP\KEP-2051 DOC:lw  
101303

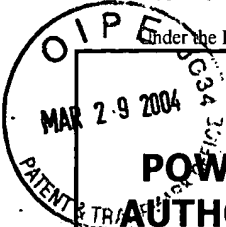
[Page 2 of 2]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

kep-2051 doc

Please type a plus sign (+) inside this box → ☐

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



# **POWER OF ATTORNEY OR AUTHORIZATION OF AGENT**

Application Number	10/672,937
Filing Date	September 26, 2003
First Named Inventor	Timothy B. Stockwell
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	ABIOS.042A

I hereby appoint:



Practitioners at Customer Number

20,995



**OR**

Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:



The above-mentioned Customer Number.

**OR**Firm or  
Individual Name

Address

City

State

Zip

Country

Telephone

Fax

I am the:



Applicant/Inventor.



Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (PTO/SB/96)

## **SIGNATURE of Applicant or Assignee of Record**

Signature

Name

Jeffery D. Frazier, Sr. Patent Attorney

Date

19 Mar 04

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.\*



\* Total of \_\_\_\_\_ forms are submitted.

R:\DOCS\KEP\KEP-2054.DOC:lw  
101303

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

kep-2054.doc

**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: Timothy B. Stockwell and Stephen A. Glanowski

Application No./Patent No. 10/672,937 Filed/Issue Date: September 26, 2003

Entitled: MITOCHONDRIAL DNA AUTOSCORING SYSTEM

Applera Corporation, a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by, percentage) of its ownership interest is \_\_\_\_\_ %

In the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

19 Mar 04  
Date

Jeffery D. Frazier

Typed or printed name

Signature

Sr. Patent Attorney

Title

R:\DOCS\KEP\KEP-2052.DOC:lw  
101303

**LIMITED AUTHORIZATION TO ACT ON BEHALF OF ASSIGNEE  
REGARDING CERTAIN PATENT AND TRADEMARK MATTERS EFFECTIVE  
THROUGH: December 31, 2005**

\*\*\*\*\*

I, Paul D. Grossman, as Assistant Secretary of Applera Corporation ("Applera"), hereby authorize: Vincent M. Powers, Reg. No. 36, 246, Scott R. Bortner, Reg. No. 34,298, Jeffery D. Frazier, Reg. No. 34,601, and Andrew T. Karnakis, Reg. No. 27,909, all Senior Patent Attorneys, (1) to act on behalf of Applera, with regard to any matters before the United States Patent and Trademark Office, any foreign patent or trademark offices, and any international patent or trademark entities, (2) to execute power of attorney documents on behalf of Applera, to appoint and/ or establish any attorneys, agents, and/ or law firms to act on behalf of Applera, in any foreign or international patent or trademark applications filed with any foreign and/ or international patent or trademark offices, and (3) to execute assignment and ownership documents on behalf of Applera, with regard to any matters before the United States Patent and Trademark Office, any foreign patent or trademark offices, and any international patent or trademark offices.



Paul D. Grossman  
Assistant Secretary, Applera Corporation

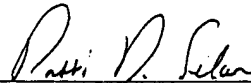
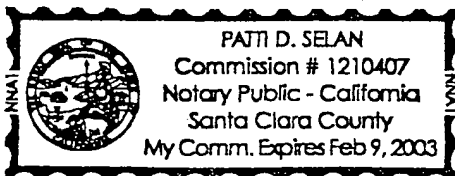
1-9-03

Date

State of California     )  
                                      ) ss.  
County of San Mateo    )

On Jan. 9, 2003 before me, Patti D. Selan, Notary Public, personally appeared Paul D. Grossman, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/~~she~~/they executed the same in his/~~her~~/their authorized capacity(~~ies~~), and that by his/~~her~~/their signature on the instrument the person(~~s~~), or the entity upon behalf of which the person(~~s~~) acted, executed the instrument.

WITNESS my hand and official seal.



Notary Public

**ASSIGNMENT**

For good and valuable consideration paid to us, receipt of which is hereby acknowledged, we each:

**Timothy B. Stockwell, a citizen of the United States of America, residing at 4201 Lees Corner Road, Chantilly, VA 20151 and Stephen A. Glanowski, a citizen of the United States of America, residing at 1001 Bowen Court, Great Falls, VA 22066**

do hereby sell, assign, and set over unto

**Applera Corporation -**

**COPY  
DO NOT RECORD -**

a Delaware corporation having a place of business at 850 Lincoln Centre Drive, Foster City, California 94404 (hereinafter "Assignee"), its successors, legal representatives and assigns, each of our entire right, title, and interest in and to any and all of our inventions and discoveries entitled:

**MITOCHONDRIAL DNA AUTOSCORING SYSTEM**

as described and/or claimed in our United States patent application, having an oath or declaration fully executed by us and, subsequently assigned Serial Number 10/672,937 and filing date of September 26, 2003 by the United States Patent and Trademark Office; in and to the right to file patent applications in the name of Assignee, its designee, in all of our names, or in any other name or names, on the aforesaid inventions and discoveries in any or all countries of the world, together with all rights of priority in the aforesaid countries deriving from the above-identified United States patent application under the International Convention for the Protection of Industrial Property, under the Inter-American Convention relating to Inventions, Patents, Designs and Industrial Models, and under any other international arrangement to which the United States now is or hereafter becomes a signatory; in and to any and all applications for Letters Patent, and any and all Letters Patent that issue on any of the aforesaid applications, and in and to any and all divisions, continuations, and continuation-in-part of any and all of said applications, and any and all reissues, renewals and extensions of any of said Letters Patent, such that the same right, title and interest to be held and enjoyed by Assignee, its successors, assigns or other legal representatives, to the full ends of the terms for which all Letters Patent therefor may be granted, shall be as full and complete as that that would have been held and enjoyed by us if this assignment and sale had not been made.

We further hereby covenant and agree, for the same consideration, whenever counsel of Assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with said invention, or said application for Letters Patent, including interference proceedings, is lawful and desirable, or that any division, continuation, or continuation-in-part of any application for Letters Patent, or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable to sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said invention, without charge to said Assignee, its successors, legal representatives and assigns, but at the cost and expense of said Assignee, its successors, legal representatives and assigns.

We hereby authorize Assignee to insert in this instrument the serial number and filing date of said application when officially notified thereof.

Name of inventor: Timothy B. Stockwell

Inventor's signature Amy B. Stachurski

Date: 2004/03/04

copy

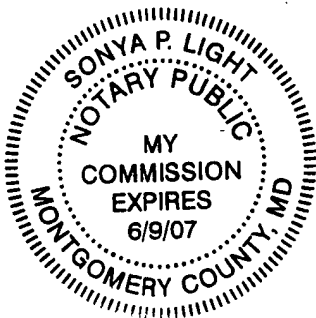
State of California        )  
                                          ) ss.

County of San Mateo )

**- DO NOT RECORD -**

County of San Mateo )  
On March 4, 2004, before me, Timothy B. Stockwell  
personally appeared Timothy B. Stockwell, personally known to me (or proved to me on the basis of  
satisfactory evidence) to be the person whose name is subscribed to the within instrument and  
acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that  
by his/her/their signature on the instrument the person(s), or the entity upon behalf of which the person(s)  
acted, executed the instrument.

WITNESS my hand and official seal.



Sonya R. Light  
Notary Public

**COPY**

**- DO NOT RECORD -**



Name of inventor: Stephen A. Glanowski

Inventor's signature Stephen A. Glanowski Date: 3/15/04

State of VIRGINIA )  
~~California~~ ) ss.

County of San Mateo )  
FAIRFAX

**COPY**

**- DO NOT RECORD -**

On MARCH 15<sup>th</sup>, 200<sup>4</sup>, before me, ROBERT BEARER,  
personally appeared Stephen A. Glanowski, personally known to me (or proved to me on the basis of  
satisfactory evidence) to be the person whose name is subscribed to the within instrument and  
acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that  
by his/her/their signature on the instrument the person(s), or the entity upon behalf of which the person(s)  
acted, executed the instrument.

WITNESS my hand and official seal.

Robert Bearer  
Notary Public  
Expire: July 31, 2006

R:\DOCS\KEP\KEP-2053 DOC:lw  
101303

**COPY**

**- DO NOT RECORD -**